

Table 44. Areas of training in which recent doctoral recipients thought their doctoral program had somewhat or very adequately prepared them for a career, by field of doctorate: 1997

April 2002

Areas of doctoral training	Field of doctorate								
	All fields	Computer and information sciences	Mathematical sciences	Biological and agricultural sciences	Health sciences	Physical and related sciences	Social sciences	Psychology	Engineering
Total recent doctoral recipients (number).....	119,300	4,100	4,500	28,200	5,700	20,500	14,700	16,800	24,700
					Percent				
General problem solving skills.....	97	98	93	98	95	99	92	94	99
Subject matter knowledge.....	97	97	93	96	98	96	97	98	97
Oral communication skills.....	89	90	76	93	91	89	87	91	86
Teaching skills.....	73	72	83	72	74	76	72	72	72
Collaboration and teamwork skills.....	80	80	64	84	84	82	70	82	81
Quantitative skills.....	92	92	89	94	94	96	81	90	95
Writing skills.....	92	93	71	92	95	90	93	95	92
Computer skills.....	85	98	78	85	85	90	79	71	95
Research integrity/ethics.....	92	91	84	92	95	92	91	97	92
Establishing contacts with colleagues in field.....	80	86	75	82	88	79	78	78	79
Management or administrative skills.....	38	35	23	38	49	35	34	41	40

NOTES: 'Recent doctoral recipients' are those who reported having received their doctorate between June of 1990 and 1996. Numbers are rounded to nearest hundred. Percents are rounded to the whole number. Details may not add to totals because of rounding and because multiple answers were allowed.

Survey of Doctorate Recipients includes persons who had earned a research doctorate from an U.S. institution and resided in U.S. as of April 1997.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 1997 Survey of Doctorate Recipients